Phospho-EIF4EBP1 (Ser64) Antibody

PACO24422

Product Information

Size:

100ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:3000, IHC:1:50-1:100

Protein Background:

Regulates eIF4E activity by preventing its assembly into the eIF4F complex: hypophosphorylated form competes with EIF4G1/EIF4G3 and strongly binds to EIF4E, leading to repress translation. Mediates the regulation of protein translation by hormones, growth factors and other stimuli that signal through the MAP kinase and mTORC1 pathways.

Gene ID:

EIF4EBP1

Uniprot

Q13541

Synonyms:

4EBP1; EIF4EBP1; Eukaryotic translation initiation factor 4E binding protein 1; Insulin-stimulated EIF-4E binding protein PHAS-I; P/OKCL.6; PHAS-1; PHAS-

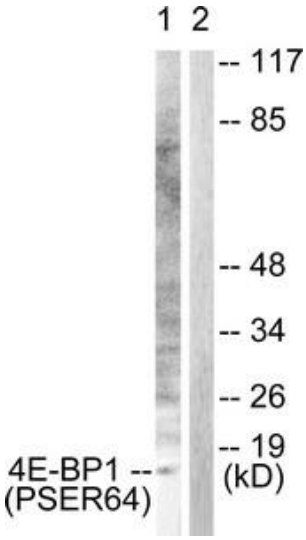
Immunogen:

Peptide sequence around phosphorylation site of serine 64 (R-N-S(p)-P-V) derived from Human 4E-BP1.

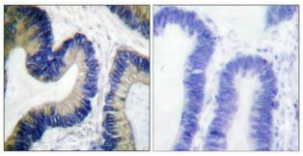
Storage:

Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Western blot analysis of extracts from Jurkat cells, treated with Insulin (0.01U/ml, 15mins), using 4E-BP1 (Phospho-Ser64) antibody. The lane on the right is treated with the synthesized peptide.



mmunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using 4E-BP1 (Phospho-Ser64) antibody. The picture on the right is treated with the synthesized peptide.

